

66396-068

VEHICLE DATA STREAM PAUSE ON DATA  
TRIGGER VALUE

**Abstract of the Disclosure**

Measurement data storage is triggered in response to occurrence of a user set condition with respect to one or more user-selected measured parameters, to thereby capture real-time monitored test data. In an application for a vehicle diagnostic tool, such as an engine analyzer, the measurements and attendant display may be provided during engine operation or actual vehicle operation. The tool software allows a user to specify any one or more of the measured parameters; and for any selected parameter, the user can identify an event with regard to the selected parameter. During the test, the processor executing the software captures measured parameter data, and the processor analyses the appropriate measured parameter data with respect to any and/or all user specified conditions. Triggering may be based on occurrence of an event or combinations of events. When triggered, the software will cause the tool to store some amount of captured data and/or pause the display to allow the user to analyze all available data.